

Budget Unit Brief

FY 2017



Iowa State University Nutrient Research Center

Purpose and History

The [Nutrient Reduction Strategy](#) report was introduced in November 2012, as a collaborative effort by the Department of Agriculture and Land Stewardship (DALs), the Department of Natural Resources (DNR), and Iowa State University (ISU) to assess and reduce nutrients that flow into Iowa waters. The Water Quality Initiative Program was created in SF 435 (FY 2014 Agriculture and Natural Resources Appropriations Act) with the goal to provide funding for watershed practices in high-priority watersheds as designated by the [Water Resources Coordinating Council](#) (WRCC). Senate File 435 appropriated funds to ISU for the creation of the ISU Nutrient Research Center. The Center received appropriations of \$1.5 million for FY 2014 and \$1.3 million for FY 2015.

Funding History

The following table summarizes the research projects currently funded at the ISU Nutrient Research Center:

Iowa State University Nutrient Research Center			
Grant Description	FY 2014	FY 2015	Total
Yield Decreases Following Cereal Rye Winter Cover Crop	\$ 60,000	\$ 60,000	\$ 120,000
Farmer tools for the Iowa Nutrient Reduction Strategy	27,772	30,206	57,978
Social-Economic Research Work Plan	116,666	58,334	175,000
Phosphorus Transport in Iowa Streams	80,000	40,000	120,000
Monitoring of Saturated Buffers in High-priority Watersheds	120,000	30,000	150,000
Nonpoint Source Nitrogen and Phosphorous Loads at Implementation Scale	175,000	125,000	300,000
Impacts of Cover Crops on Phosphorus and Nitrogen Loss with Surface Runoff	220,000	75,000	295,000
Bioreactor Research & Assessment	98,000	32,000	130,000
IIHR-Hydroscience & Engineering Work Plan 2013-15 (University of Iowa)	528,332	528,332	1,056,664
Transformation of Agriculturally Derived Nitrogen and Phosphorus in Cedar River Watershed	50,000	35,000	85,000
Total	\$ 1,415,770	\$ 1,013,872	\$ 2,429,642

Related Statute

Iowa Code section [466B.47](#)

Revised August 29, 2016

More Information

Iowa General Assembly: <https://www.legis.iowa.gov/>

ISU Nutrient Research Center website: <http://nutrientstrategy.iastate.edu>

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